

CLAIMS

1. An apparatus comprising:

a container having an open top and an upright position in which the open top is oriented upwardly; and

an enclosure that defines a chamber, an exterior, an entrance, and a first opening located between the entrance and the chamber, the enclosure including a housing and a door having a first position and a second position;

wherein the container and chamber are shaped so that the container may be placed in the chamber in the upright position, and the entrance allows access to the container when the container is located in the chamber; and

wherein the first opening is larger when the door is in the second position than when the door is in the first position, and the container can be removed from the chamber in the upright position.

2. The apparatus of claim 1, wherein more than half of the open top is shielded from the exterior when the door is in the first position.

3. The apparatus of claim 1, wherein the door is removable from the housing.

4. The apparatus of claim 1, wherein the door pivots about an axis.

5. The apparatus of claim 4, wherein the door includes a wall that follows a circumferential path when the door is pivoted about the axis.
6. The apparatus of claim 1, wherein the housing comprises a top surface, a bottom surface and a first wall.
7. The apparatus of claim 6, wherein the container includes a lip that prevents the door from rotating beyond a predetermined rotational position when the lip is positioned between the first wall and the door, thereby maintaining a minimum width of the entrance opening.
8. The apparatus of claim 6, wherein the door includes a second wall that is of the same shape as a portion of the first wall of the housing so that the second wall at least partially nests with the first wall when the door is rotated into the second position.
9. The apparatus of claim 6, wherein the top surface includes a first circular ridge centered on a vertical axis, the bottom surface including a second circular ridge centered on the vertical axis and parallel to the first circular ridge.
10. The apparatus of claim 9, wherein the door includes an upper surface and a lower surface, the second wall connecting the upper and lower surfaces, the upper surface including an upper slot and the lower surface including a lower slot, the upper and lower slots each being adapted to engage the upper and lower ridges, respectively, so that the door pivots

about the vertical axis when the upper and lower slots are engaged with the upper and lower ridges.

11. The apparatus of claim 10, wherein the upper and lower slots are U-shaped.
12. The apparatus of claim 6, wherein the top surface includes a first channel that engages the door and the door moves along the first channel when moving from first position to the second position.
13. The apparatus of claim 12, wherein the bottom surface includes a second channel that engages the door and the door moves along the first channel when moving from first position to the second position.
14. The apparatus of claim 1, wherein the door engages the container.
15. The apparatus of claim 1, wherein the door is engages the housing.
16. The apparatus of claim 1, wherein the top surface includes a first recess shaped to receive a portion of the container therein when the enclosure is in a left-handed orientation.

17. The apparatus of claim 16, wherein the bottom surface includes a second recess shaped to receive a portion of the container therein when the enclosure is in a right-handed orientation.

18. The apparatus of claim 1, wherein the bottom surface includes a first textured surface located between the first opening and the exterior.

19. The apparatus of claim 18, wherein the top surface includes a second textured surface located between the first opening and the exterior.

20. The apparatus of claim 1, wherein the enclosure is horizontally symmetrical so that the enclosure can be used in a left-handed or right-handed orientation.

21. The apparatus of claim 1, wherein the enclosure includes a top portion and a bottom portion that is separable from the top portion.

22. An apparatus comprising:

a container having an open top and an upright position in which the open top is oriented upwardly; and

an enclosure that defines a chamber, an exterior, an entrance, and a first opening located between the entrance and the chamber, the enclosure including a housing and a door

having a first position and a second position, the housing comprising a top surface, a bottom surface and a first wall, the top surface includes a first circular ridge centered on a vertical axis, the bottom surface including a second circular ridge centered on the vertical axis and parallel to the first circular ridge, the door including an upper surface and a lower surface, the second wall connecting the upper and lower surfaces, the upper surface including an upper slot and the lower surface including a lower slot, the upper and lower slots each being adapted to engage the upper and lower ridges, respectively, so that the door pivots about the vertical axis when the upper and lower slots are engaged with the upper and lower ridges.

23. An apparatus comprising:

a container having an open top and an upright position in which the open top is oriented upwardly; and

an enclosure that defines a chamber, an exterior, an entrance, and a first opening located between the entrance and the chamber, the enclosure including a housing and a door having a first position and a second position, the housing comprising a top surface, a bottom surface and a first wall, the top surface includes a first circular ridge centered on a vertical axis, the bottom surface including a second circular ridge centered on the vertical axis and parallel to the first circular ridge, the door including an upper surface and a lower surface, the second wall connecting the upper and lower surfaces, the upper surface including an upper slot and the lower surface including a lower slot, the upper and lower slots each being

adapted to engage the upper and lower ridges, respectively, so that the door pivots about the vertical axis when the upper and lower slots are engaged with the upper and lower ridges

wherein the container and chamber are shaped so that the container may be placed in the chamber in the upright position, and the entrance allows access to the container when the container is located in the chamber; and

wherein the first opening is larger when the door is in the second position than when the door is in the first position, and the container can be removed from the chamber in the upright position.